



1. MATERIAL IDENTIFICATION

PRODUCT NAME/DESCRIPTION: **NU-TEAK BRIGHTNER**

DISTRIBUTED/MANUFACTURED BY:

GEMINI COATINGS, INC.

PO BOX 699

EL RENO, OK 73036-0000

DATE: 7/02/02

PHONE: (405) 262-5710

EMERGENCY PHONE: (405) 262-5710

2. HAZARDOUS COMPONENTS

OSHA (ACGIH) EXPOSURE LIMITS

CHEMICAL NAME	%W/W	CAS NUMBER	TLVs(ACGIH)			
			TWA		STEL	
OTHER			ppm	mg/m3	ppm	mg/m3
OXALIC ACID	< 50	00144-62-7		1		

CORROSIVE

(PROPRIETARY FORMULATION)

NE = NOT ESTABLISHED

3. HEALTH HAZARDS

IRRITATION ☒ SKIN ☐ SEVERE ☒ MODERATE
 ☒ EYE ☐ SEVERE ☒ MODERATE ☐ MILD (TRANSIENT)

CORROSIVITY ☐ SKIN ☐ 4 HRS. (DOT) ☐ 24 HRS. (CPSC)
 ☐ EYE ☐ MAY CAUSE BLINDNESS

SENSITIZATION ☐ SKIN ☐ RESPIRATORY ☐ ALLERGEN OTHER: NOT KNOWN

INHALATION EFFECTS ☐ NARCOTIC ☐ CYANOSIS ☐ ASPHYXIAN OTHER: NOT KNOWN
KNOWN
EFFECT

LUNG EFFECTS (SPECIFY):
NOT KNOWN

OTHER (SPECIFY):

☒ REPEATED CONTACT
SKIN DEFATTER

OTHER
(SPECIFY): NONE KNOWN



4. FIRST AID

INGESTION

☐ INDUCE
VOMITING

☒ DON'T INDUCE
VOMITING

☒ GIVE PLENTY
OF WATER

☒ GET MEDICAL
ATTENTION

☒ NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON

DERMAL

☒ FLUSH WITH
SOAP & WATER

☒ GET MEDICAL
ATTENTION

☒ CONTAMINATED
CLOTHING -
REMOVED & LAUNDER

☐ CONTAMINATED
SHOE - DESTROY

OTHER (SPECIFY):
NONE KNOWN

EYE CONTACT

☒ FLUSH WITH WATER
FOR 15 MINUTES

☒ GET MEDICAL
ATTENTION

OTHER (SPECIFY):
LIFT EYELIDS FOR PROPER FLUSHING.

INHALATION

☒ REMOVE TO
FRESH AIR

☒ IF NOT BREATHING
GIVE ARTIFICIAL
RESPIRATION

☐ GIVE
OXYGEN

☐ GET MEDICAL
ATTENTION

OTHER (SPECIFY):
NONE KNOWN

5. FIRE AND EXPLOSION DATA

CHARACTERISTICS:

FLASH POINT	NA
FLASH POINT METHODS(S)	NA
UPPER EXPLOSION LIMIT (UEL)	NA
LOWER EXPLOSION LIMIT (UEL)	NA
AUTOIGNITION TEMPERATURE	NA
FIRE HAZARD CLASSIFICATION (OSHA/NFPA)	0

EXTINGUISHING MEDIA

<input type="checkbox"/> WATER SPRAY	<input type="checkbox"/> WATER FOG	<input type="checkbox"/> WATER STREAM	<input type="checkbox"/> CO2	<input type="checkbox"/> DRY CHEMICAL	<input checked="" type="checkbox"/> ALCOHOL FOAM
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☐ FOAM ☐ EARTH OR SAND ☒ AS REQUIRED FOR FIRE BEING FOUGHT

SPECIAL FIRE FIGHTING PROCEDURES

☐ DON'T ENTER ☐ ALLOW FIRE ☐ WATER MAY ☐ DON'T USE ☒ USE
BREATHING

BUILDING

TO BURN

CAUSE
FROTHING

WATER

APPARATUS

OTHER (SPECIFY):



UNUSUAL FIRE AND EXPLOSION HAZARDS

☐ DUST EXPLOSION HAZARD ☐ SENSITIVE TO SHOCK ☐ CONTAMINATION ☐ TEMPERATURE

OTHER (SPECIFY): NONE KNOWN



6. ACCIDENTAL RELEASE MEASURES

STEP TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

☐ FLUSH WITH WATER ☐ ABSORB WITH SAND OR INERT MATERIAL ☐ NEUTRALIZE ☒ SWEEP OR SCOOP UP & REMOVE

☐ KEEP UPWIND ☒ PREVENT SPILLS ☒ DISPOSE OF PROMPTLY

OTHER (SPECIFY): IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

7. HANDLING AND STORAGE

PRECAUTIONARY LABELING

☐ WASH AFTER HANDLING ☒ DON'T GET IN EYES, SKIN, CLOTHING ☒ DON'T BREATHE DUST, VAPOR, GAS ☒ KEEP CONTAINER CLOSED

☐ KEEP AWAY FROM HEAT, SPARKS,& ☒ STORE IN TIGHTLY CLOSED CONTAINERS ☐ DON'T STORE NEAR COMBUSTIBLES ☐ KEEP FROM CONTACT WITH CLOTHING

☒ EMPTY CONTAINER MAY CONTAIN HAZARDOUS RESIDUE ☐ USE EXPLOSION PROOF EQUIPMENT **OTHER (SPECIFY):** NONE KNOWN

OTHER HANDLING AND STORAGE CONDITIONS

DO NOT SMOKE WHEN HANDLING CHEMICALS. KEEP OUT OF REACH OF CHILDREN.

8. PERSONAL PROTECTION / EXPOSURE CONTROLS

VENTILATION REQUIREMENTS - ALWAYS KEEP EXPOSURE BELOW PERMISSIBLE EXPOSURE LIMITS

☐ CONSULT AN INDUSTRIAL HYGIENIST ☐ LOCAL EXHAUST ☒ USE ADEQUATE VENTILATION ☐ CHECK FOR AIR CONTAMINANT

OTHER (SPECIFY): NONE KNOWN

EYE ☐ FACE SHIELD & GOGGLES ☒ SAFETY GLASSES ☐ GOGGLES

HAND ☒ BUTYL RUBBER ☐ POLYVINYL ALCOHOL ☐ POLYVINYL CHLORIDE ☐ POLY-ETHYLENE ☒ NATURAL RUBBER

☒ NEOPRENE **OTHER (SPECIFY):** NONE KNOWN

RESPIRATORY ☐ SELF-DUST, ☐ SUPPLIED CONTAINED AIR ☐ CAN OR CARTRIDGE GAS OR VAPOR ☒ FILTER-FUME, MIST

OTHER (SPECIFY): IF REQUIRED BY USE CONDITIONS.

OTHER PROTECTIVE EQUIPMENT

☐ RUBBER BOOTS ☐ APRON **OTHER:** SAFETY SHOWER AND EYEWASH



9. TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM..... LIQUID
COLOR..... SLIGHT AMBER
ODOR.....

PH.....
VAPOR PRESSURE (mm Hg)..... NE
VAPOR DENSITY (AIR = 1)..... NE
BOILING POINT..... 232 DEG F
FREEZING/MELTING POINT..... NA
SOLUBILITY IN WATER..... SOLUBLE APPROX. 9.6%
SPECIFIC GRAVITY (WATER = 1)..... >1.60 @ 20/20 DEG C
EVAPORATION RATE (BUTYLACETATE = 1)..... NA
VISCOSITY (CPS)..... NE
MOLECULAR WEIGHT..... NE

NA = NOT APPLICABLE

NE = NOT ESTABLISHED

10. STABILITY AND REACTIVITY

STABILITY ☒ STABLE ☐ UNSTABLE

CONDITIONS CONTRIBUTING TO INSTABILITY

☐ THERMAL ☐ PHOTO ☐ POLYMERIZATION ☐ CONTAMINATION
 DECOMPOSITION DEGRADATION

OTHER (SPECIFY): NONE KNOWN

INCOMPATIBILITY - AVOID CONTACT WITH

☐ STRONG ACIDS ☒ STRONG ALKALIS ☒ STRONG OXIDIZERS

OTHER (SPECIFY): NONE KNOWN

HAZARDOUS DECOMPOSITION PRODUCTS - THERMAL & OTHER (LIST)

NORMAL BY-PRODUCTS OF COMBUSTION.

CONDITIONS TO AVOID

☐ HEAT ☐ OPEN FLAMES ☐ SPARKS ☐ IGNITION SOURCES

OTHER (SPECIFY): NONE KNOWN

11. TOXICOLOGICAL PROPERTIES

ACUTE TOXICITY EFFECTS DATA

ORAL: INGESTION MAY BE FATAL! ACUTE OXALIC POISONING RESULTS FROM
INGESTION OF A SOLUTION OF OXALIC ACID.

DERMAL: STRONG IRRITANT. DERMATITIS FROM PROLONGED/REPEATED CONTACT.

EYE: IRRITATION, POSSIBLE DAMAGE.

INHALATION: IRRITATION, POSSIBLE ULCERATION.



IRRITATION EFFECTS DATA
NE

OTHER ACUTE EFFECTS
NE

CHRONIC/SUBCHRONIC DATA
PROLONGED OR REPEATED OVER-EXPOSURE MAY RESULT IN DELAYED LIVER AND/OR
KIDNEY DAMAGE. HOWEVER, NO SPECIFIC QUANTITIES OR EXPOSURE TIMES ARE CITED.
NOTE: THIS PRODUCT IS NOT CONSIDERED TO BE A CARCINOGEN BY NTP, IARC, OSHA OR
EPA

12. ECOLOGICAL INFORMATION

ECOTOXICITY
NOT DETERMINED

ENVIRONMENTAL FATE
NOT DETERMINED

ADDITIONAL INFORMATION
NOT DETERMINED

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD
IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

14. TRANSPORTATION INFORMATION

NON-HAZARDOUS



15. REGULATORY INFORMATION

US FEDERAL REGULATIONS

SARA (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

SARA 301 EXTREMELY HAZARDOUS SUBSTANCES LIST:

NA

SARA 312 HAZARD CATEGORY:

NA

SARA 313 TOXIC CHEMICALS LIST:

NA

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT):

NA

RCRA (RESOURCE CONSERVATION AND RECOVERY ACT) LISTED HAZARDOUS WASTES:

NA

CWA (CLEAN WATER ACT) LISTED SUBSTANCES:

NA

FDA (FOOD AND DRUG ADMINISTRATION):

NA

TOXIC SUBSTANCES CONTROL ACT (TSCA):

ALL INGREDIENTS ARE LISTED.

NFPA HAZARD INFORMATION SIGN

[2] HEALTH HAZARD (BLUE DIAMOND)

- 4 - DEADLY
- 3 - EXTREME DANGER
- 2 - HAZARDOUS
- 1 - SLIGHTLY HAZARDOUS
- 0 - NORMAL MATERIAL

[0] REACTIVITY HAZARD (YELLOW DIAMOND)

- 4 - MAY DETONATE
- 3 - SHOCK AND HEAT MAY DETONATE
- 2 - VIOLENT CHEMICAL CHANGE
- 1 - UNSTABLE IF HEATED
- 0 - STABLE

[0] FIRE HAZARD (RED DIAMOND)

FLASH POINTS:

- 4 - BELOW 73 F
- 3 - BELOW 100 F
- 2 - BELOW 200 F

[] SPECIFIC HAZARD (WHITE DIAMOND)

- | | |
|------|-----------|
| OXY | OXIDIZER |
| ACID | ACID |
| ALK | ALKALI |
| COR | CORROSIVE |



1 - ABOVE 200 F
0 - WILL NOT BURN

W USE NO WATER

16. INTERNATIONAL REGULATIONS

CANADA

DSL:
NA

WHMIS HAZARD CLASSIFICATION:
NA

WHMIS TRADE SECRET REGISTRY NUMBER(S):
NA

WHMIS HAZARDOUS INGREDIENTS:
NA

WHMIS SYMBOLS:
NA

EUROPEAN ECONOMIC COMMUNITY (EEC)

EINECS MASTER INVENTORY:
NA

EEC PRIMARY RISK SYMBOL:
NA

EEC RISK AND SAFETY PHRASES:
NA

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.